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TRANSMITTAL LETTER

17548 U.S.PTO  
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The Commissioner of Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**ATTN: Mail Stop Patent Applications**

Sir:

Transmitted herewith for filing is the patent application of: Neelesh B. Mehta, Pallav Sudarshan, Andreas F. Molisch, and Jinyun Zhang.

FOR: MULTIPLE ANTENNAS AT TRANSMITTERS AND RECEIVERS TO ACHIEVING HIGHER DIVERSITY AND DATA RATES IN MIMO SYSTEMS

Enclosed are:

- [12] pages of specification, claims and abstract
- [2] sheet of formal drawings
- Declaration and Power of Attorney
- Assignment of the application
- Information Disclosure Statement

The filing fee is calculated as follows:

CLAIMS AS FILED			AMOUNT
NUMBER FILED	NUMBER EXTRA	LARGE ENTITY	
<u>Basic Fee</u>			\$ 770.00
Total Claims	8 -20 = 1	x 18.00	\$ 0.00
Independent Claims	2 -3 =	\$80.00	\$ .00
Assignment Recording Fee		40.00	\$ 40.00
Multiple Dependent Claim Fee		270.00	
<u>Other</u>			
		TOTAL FEE	\$ 810.00

- Please record the accompanying Assignment.
- Please charge Deposit Account No. 50-0749 in the amount of \$ 810.00 for filing fees.
- Check in the amount of \_\_\_\_\_ for Filing Fee.
- The Assistant Commissioner for Patents is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 50-0749.

All future correspondence should be addressed to:

Patent Department  
Mitsubishi Electric Research Laboratories, Inc.  
201 Broadway  
Cambridge, Massachusetts 02139

Duplicate copies of this letter are enclosed.

Respectfully submitted,  
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

By: 

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